

Converting Colors

RGB(73, 161, 152)

Have a look what the booklet for
RGB(73, 161, 152) contains.

RGB(73, 161, 152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(73, 161, 152)

Conversions

Conversions Part 1

Format	Color
Hex	49A198
RGB	73, 161, 152
RGB Percent	29%, 63%, 60%
CMY	0.7137, 0.3686, 0.4039
CMYK	0.55, 0.00, 0.06, 0.37
HSL	174°, 38%, 46%
HSV	174°, 55%, 63%
XYZ	21.1600, 29.1732, 34.2215
YIQ	133.6620, -49.5590, -21.4550

Conversions

Conversions Part 2

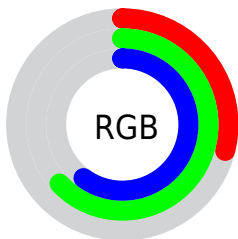
Format	Color
R_{YB}	73, 119, 161
Decimal	4825496
CIE _{Lab}	60.93, -28.58, -3.34
CIE _{LCh}	61, 28.770, 186.657
Yxy	29.1732, 0.2503, 0.3450
Android (android.graphics.Color)	4283015576 (0xFF49A198)
YUV	133.6620, 9.0406, -53.2006
Hunter-Lab	54.0122, -24.5916, 0.2431

Details

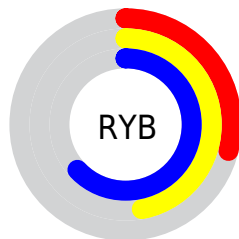
The RGB color `73, 161, 152` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `161, 73, 82`, and the grayscale version is `134, 134, 134`.

A 20% lighter version of the original color is `129, 216, 206`, and `0, 109, 101` is the 20% darker color. If you saturate the color by 10%, you get `57, 161, 150`, and if you desaturate by 10%, it is `89, 161, 154`.

Distribution



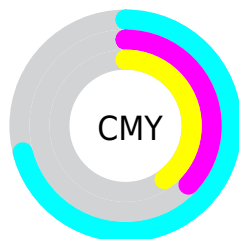
- Red (29%)
- Green (63%)
- Blue (60%)



- Red (29%)
- Yellow (47%)
- Blue (63%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (37%)






















- Cyan (71%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 73, 161, 152 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 73, 161, 152 by changing the saturation by 10% instead.

 73, 161, 152	 73, 161, 152
 255, 255, 255	 43, 135, 126
 129, 216, 206	 0, 109, 101
 157, 245, 234	 0, 84, 77
 186, 255, 255	 0, 60, 55
 215, 255, 255	 0, 38, 33
 244, 255, 255	 0, 7, 11
	 0, 0, 0
 73, 161, 152	 73, 161, 152
 57, 161, 150	 89, 161, 154

■ 41, 161, 149

■ 105, 161, 155

■ 25, 161, 147

■ 121, 161, 157

■ 9, 161, 145

■ 137, 161, 159

■ 0, 161, 145

■ 154, 161, 160

■ 170, 161, 162

■ 186, 161, 164

■ 202, 161, 165

■ 218, 161, 167

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101, 159, 126



73, 161, 152



61, 160, 176

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73, 161, 152



158, 138, 188



181, 139, 101

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 161, 152



161, 73, 82

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



195, 131, 118



73, 161, 152



184, 131, 168

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73, 161, 152



122, 148, 197



197, 128, 142



159, 147, 96

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 161, 152



73, 157, 189



197, 128, 142



187, 136, 105

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 161, 152



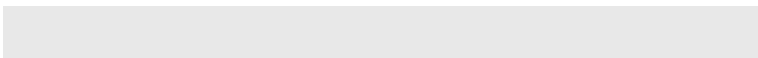
176, 209, 206



83, 161, 73



85, 105, 103



232, 232, 232



105, 105, 105

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 161, 152



71, 209, 195



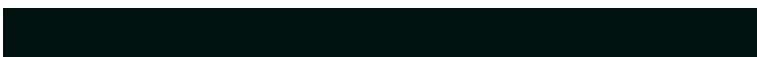
73, 127, 161



73, 82, 81



0, 145, 130



0, 18, 16

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



161, 73, 82



209, 71, 85



161, 107, 73



82, 73, 74



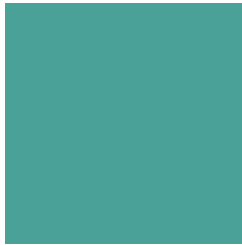
145, 0, 15



18, 0, 2

Previews

White Background



This preview shows how the RGB color 73, 161, 152 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 73, 161, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

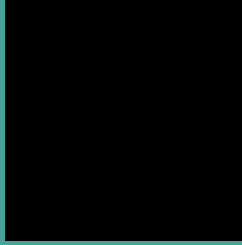
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 73, 161, 152 Background



This preview shows how black text looks on a background with the RGB color 73, 161, 152.

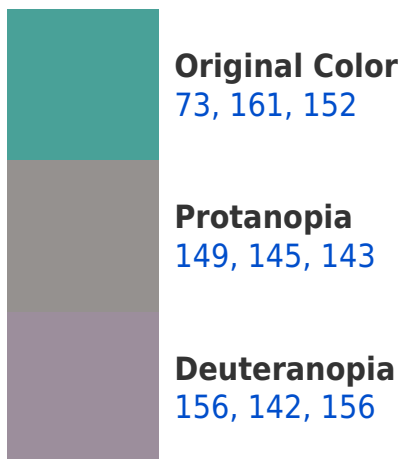


This preview shows how white text looks on a background with the RGB color 73, 161, 152.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
80, 158, 171

Trichromacy



Original Color

73, 161, 152



Protanomaly

121, 151, 146



Deuteranomaly

126, 149, 155



Tritanomaly

77, 159, 164

Monochromacy



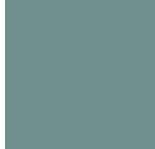
Original Color

73, 161, 152



Achromatopsia

134, 134, 134



Achromatomaly

112, 144, 141

CSS Examples

Text

The CSS property to change the color of the text to RGB 73, 161, 152 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(73, 161, 152)` looks like.

```
.text, #text, p{  
    color:rgb(73, 161, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(73, 161, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 161, 152) }
```

Border

The CSS property to change the border of an element to RGB 73, 161, 152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(73, 161, 152) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(73, 161, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(73, 161, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 161, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 161, 152);  
box-shadow:4px 4px 4px 4px rgb(73, 161,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 73, 161, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 161, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(73, 161,  
152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor